

## IN THE CLAIMS

Please amend claims 1, 8, 15, and 20 as indicated below.

Please add new claims 21-25 as indicated below.

1. (Currently Amended) A method comprising:  
  
receiving a codestream of compressed image data organized in a plurality of layers,  
  
wherein each of the plurality of layers comprises coded data that adds visual value to the  
image;  
  
selecting one or more of the layers for quantization based on sideband information  
accompanying the codestream, wherein the sideband information includes information  
specifying the quantization that is to be performed; and  
  
decompressing non-quantized layers of the codestream.
2. (Original) The method defined in Claim 1 wherein the sideband information is stored  
in a marker segment of the codestream.
3. (Original) The method defined in Claim 2 wherein the marker segment comprises a  
comment marker.
4. (Original) The method defined in Claim 3 wherein the comment marker comprises a  
JPEG 2000 COM marker.

5. (Original) The method defined in Claim 1 wherein selecting the one or more layers is based on meeting a target rate.

6. (Original) The method defined in Claim 1 wherein the plurality of layers are predefined based on resolution so that selecting the one or more layers is based on meeting a target distortion.

7. (Original) The method defined in Claim 1 wherein the plurality of layers are predefined based on viewing distance so that selecting the one or more layers is performed to display different viewing distances.

8. (Currently Amended) A decoder comprising:  
a memory to store a distortion characteristic;  
quantization logic coupled to the memory to quantize a codestream of compressed image data organized in a plurality of layers, wherein each of the plurality of layers comprises coded data that adds visual value to the image, the quantization logic selecting one or more of the plurality of layers for quantization based on sideband information accompanying the codestream, and wherein the sideband information includes information specifying the quantization that is to be performed; and  
decoding logic coupled to the quantization logic to decompress non-quantized layers of the codestream.

9. (Original) The decoder defined in Claim 8 wherein the sideband information is stored in a marker segment of the codestream.

10. (Original) The decoder defined in Claim 9 wherein the marker segment comprises a comment marker.

11. (Original) The decoder defined in Claim 10 wherein the comment marker comprises a JPEG 2000 COM marker.

12. (Original) The decoder defined in Claim 6 wherein the quantization logic selects the one or more layers is based on meeting a target rate.

13. (Original) The decoder defined in Claim 6 wherein the plurality of layers are predefined based on resolution so that selecting the one or more layers is based on meeting a target distortion.

14. (Original) The decoder defined in Claim 6 wherein the plurality of layers are predefined based on viewing distance so that selecting the one or more layers is performed to display different viewing distances.

15. (Currently Amended) An article of manufacture comprising at least one recordable media storing executable instructions thereon which, when executed by a processing device, cause the processing device to:

receive a codestream of compressed image data organized in a plurality of layers, wherein each of the plurality of plurality of layers comprises coded data that adds visual value to the image;

select one or more of the layers for quantization based on sideband information accompanying the codestream, wherein the sideband information includes information specifying the quantization that is to be performed; and

decompress non-quantized layers of the codestream.

16. (Original) The article of manufacture defined in Claim 15 wherein the sideband information is stored in a marker segment of the codestream.

17. (Original) The article of manufacture defined in Claim 16 wherein the marker segment comprises a comment marker.

18. (Original) The article of manufacture defined in Claim 17 wherein the comment marker comprises a JPEG 2000 COM marker.

19. (Original) The article of manufacture defined in Claim 15 wherein selection of the one or more layers is based on meeting a target rate.

20. (Currently Amended) An apparatus comprising:

means for receiving a codestream of compressed image data organized in a plurality of layers, wherein each of the plurality of layers comprises coded data that adds visual value to the image;

means for selecting one or more of the layers for quantization based on sideband information accompanying the codestream, wherein the sideband information includes information specifying the quantization that is to be performed; and

means for decompressing non-quantized layers of the codestream.

21. (New) The method defined in Claim 1 wherein the sideband information is stored within an arithmetic coder (AC) termination area.
22. (New) The method defined in Claim 1 wherein the sideband information is stored near an end of a packer header.
23. (New) The method defined in Claim 1 wherein the sideband information is stored after a previous packet and before beginning of a next tile.
24. (New) The method defined in Claim 4 further comprising specifying, using one or more COM markers, a number of bytes for each one of resolution and a rate across an entire image.
25. (New) The method defined in Claim 4 further comprising specifying using one or more COM markers a relative number of bytes for each additional layer.